

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023106.D
 Acq On : 17 May 2022 17:25
 Operator : SY/VA
 Sample : N2883-04
 Misc : 6.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6

Quant Time: May 18 01:30:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 01:26:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

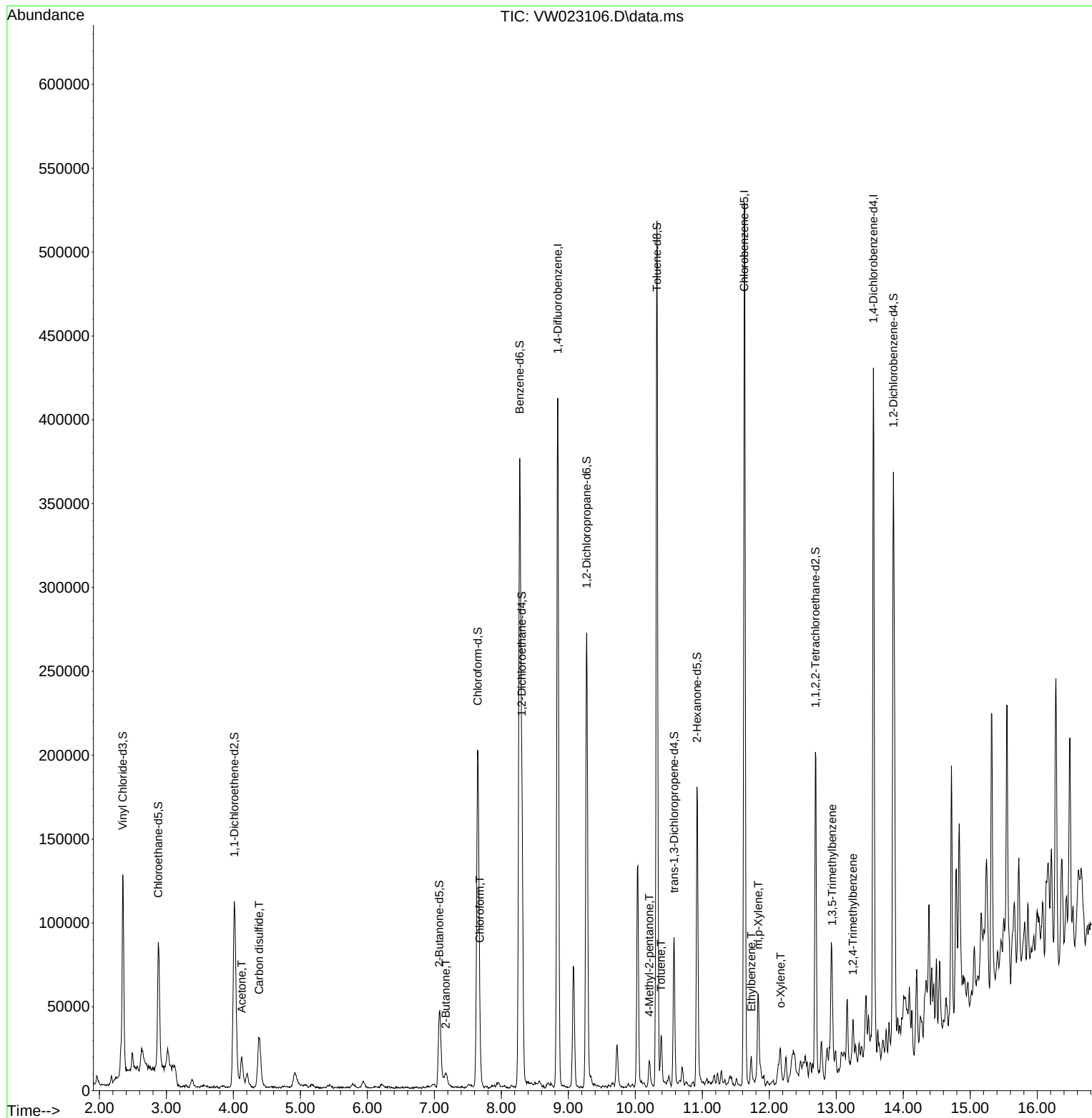
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	340503	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	284195	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	102092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	107759	15.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.720%
7) Chloroethane-d5	2.879	69	89228	19.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.520%
11) 1,1-Dichloroethene-d2	4.013	63	109304	12.109	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.440%
21) 2-Butanone-d5	7.074	46	77985	58.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.420%
24) Chloroform-d	7.647	84	194541	19.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.000%
26) 1,2-Dichloroethane-d4	8.305	65	123211	22.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.080%
32) Benzene-d6	8.275	84	378454	23.103	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	9.274	67	119756	26.026	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.120%
41) Toluene-d8	10.323	98	332559	21.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.080%
43) trans-1,3-Dichloroprop...	10.579	79	45030	21.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.000%
47) 2-Hexanone-d5	10.920	63	61452	69.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.920%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	90847	21.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	80412	22.532	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%
Target Compounds						Qvalue
13) Acetone	4.123	43	27064	27.215	ug/L	92
14) Carbon disulfide	4.385	76	60403	5.052	ug/L	96
22) 2-Butanone	7.171	43	9641	6.932	ug/L	93
25) Chloroform	7.677	83	20352	2.213	ug/L	86
40) 4-Methyl-2-pentanone	10.207	43	9784	3.831	ug/L #	78
42) Toluene	10.384	91	20404	1.087	ug/L	90
52) Ethylbenzene	11.731	91	10461	0.501	ug/L	95
53) m,p-Xylene	11.835	106	13266	1.613	ug/L	94
54) o-Xylene	12.170	106	5175	0.656	ug/L	72
62) 1,3,5-Trimethylbenzene	12.938	105	6550	0.842	ug/L	89
63) 1,2,4-Trimethylbenzene	13.249	105	14803	1.267	ug/L	96

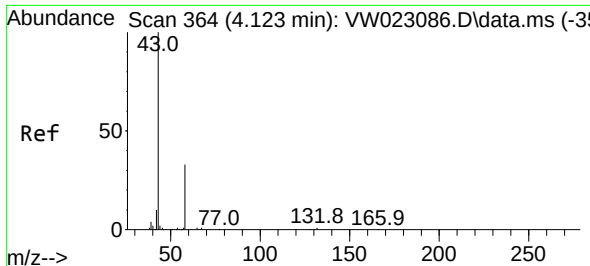
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 18 01:26:16 2022
Response via : Initial Calibration





#13

Acetone

Concen: 27.215 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW023106.D

Acq: 17 May 2022 17:25

Instrument :

MSVOA_W

ClientSampleId :

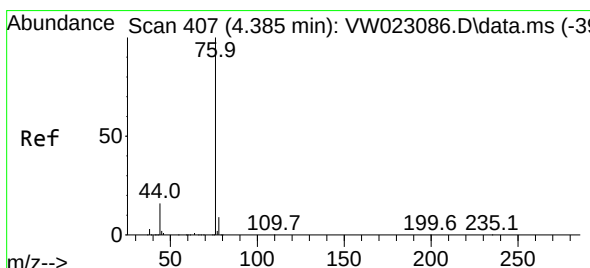
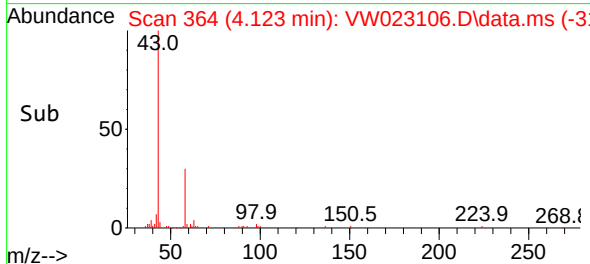
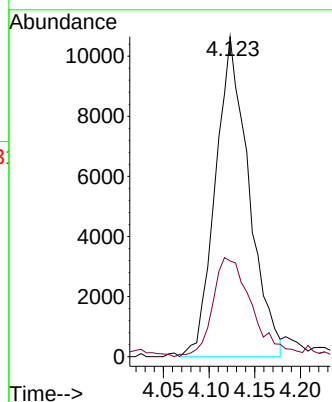
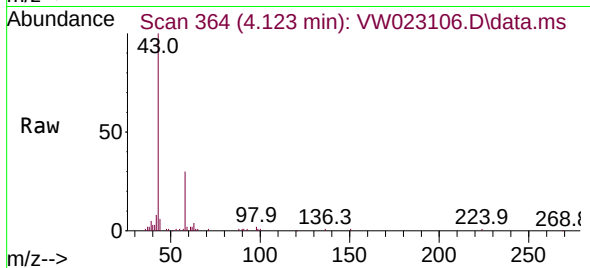
EW4K6

Tgt Ion: 43 Resp: 27064

Ion Ratio Lower Upper

43 100

58 36.2 0.0 64.0



#14

Carbon disulfide

Concen: 5.052 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023106.D

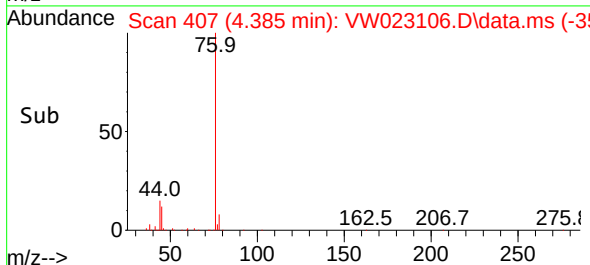
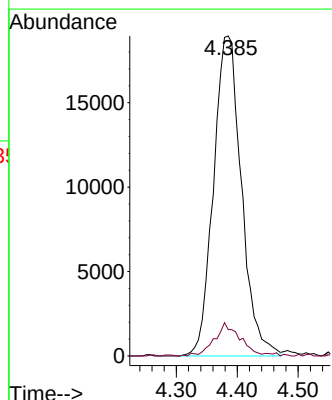
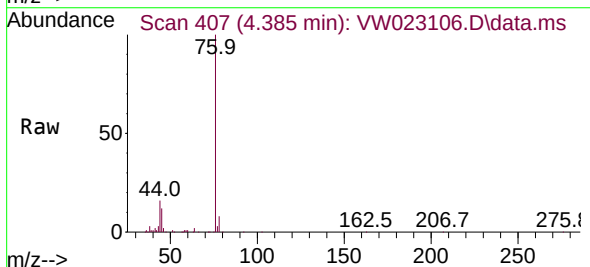
Acq: 17 May 2022 17:25

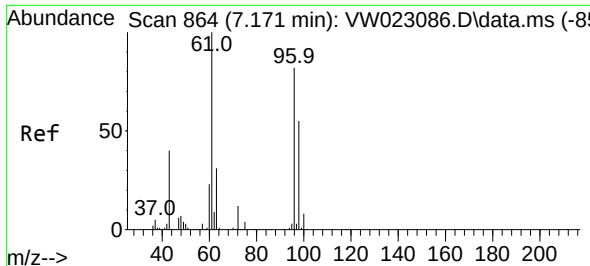
Tgt Ion: 76 Resp: 60403

Ion Ratio Lower Upper

76 100

78 8.3 7.7 11.5

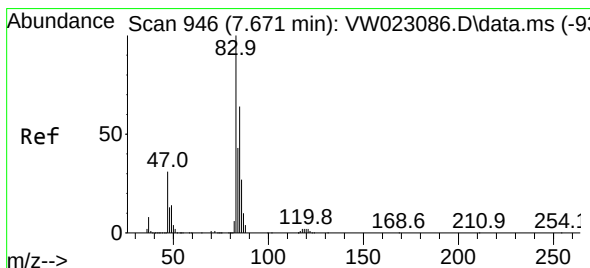
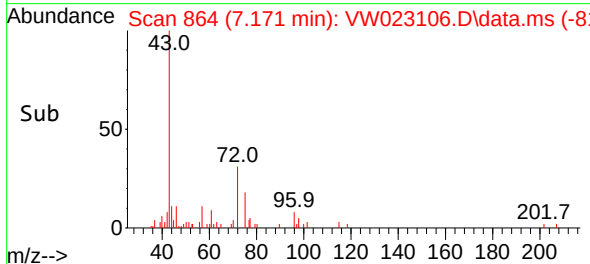
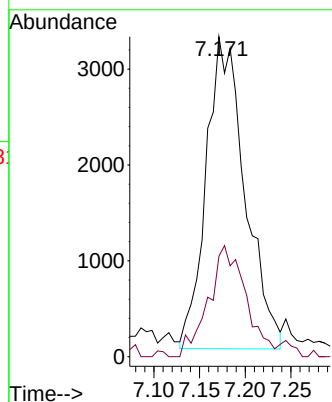
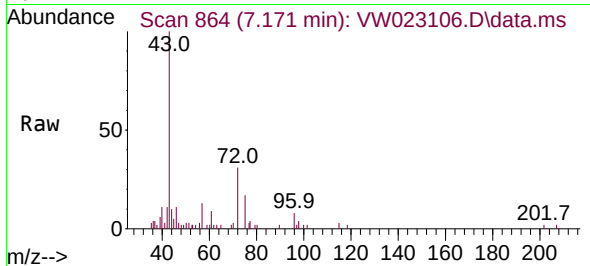




#22
2-Butanone
Concen: 6.932 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023106.D
Acq: 17 May 2022 17:25

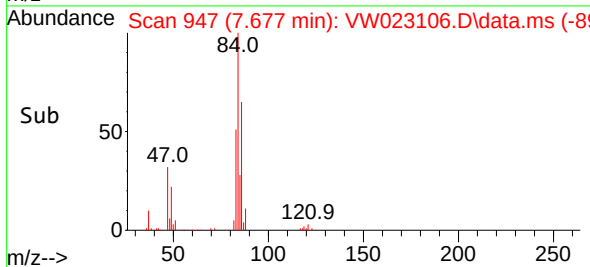
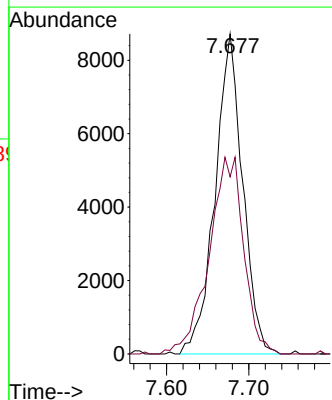
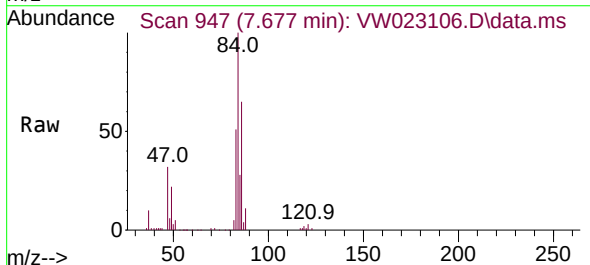
Instrument :
MSVOA_W
ClientSampleId :
EW4K6

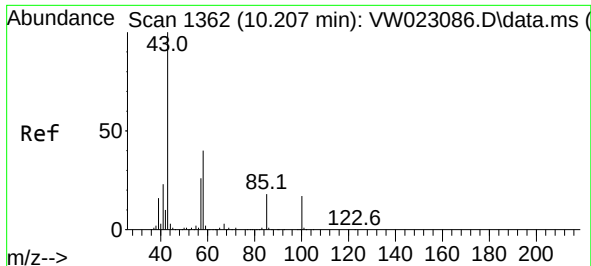
Tgt Ion: 43 Resp: 9641
Ion Ratio Lower Upper
43 100
72 34.0 15.1 45.3



#25
Chloroform
Concen: 2.213 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW023106.D
Acq: 17 May 2022 17:25

Tgt Ion: 83 Resp: 20352
Ion Ratio Lower Upper
83 100
85 55.4 46.6 86.6

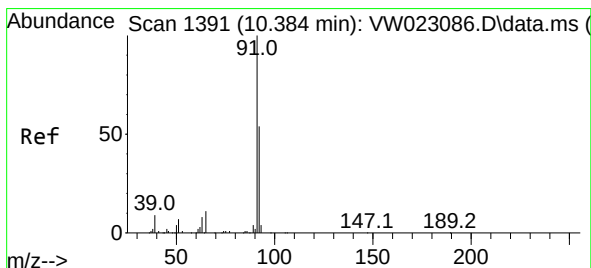
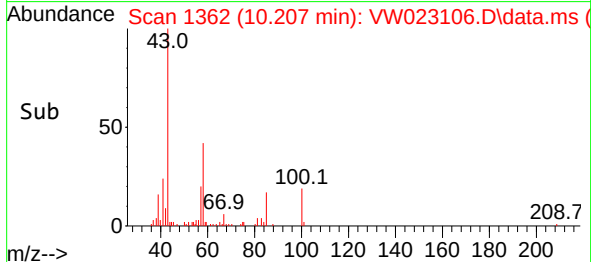
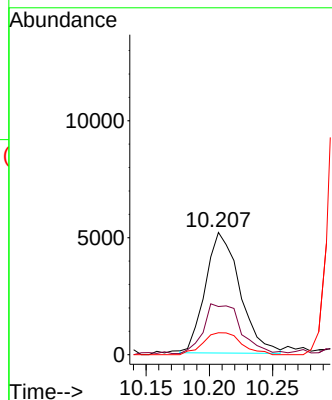
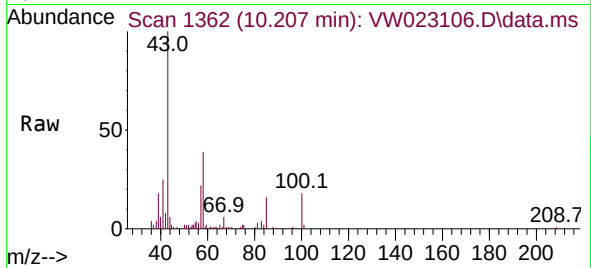




#40
4-Methyl-2-pentanone
Concen: 3.831 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW023106.D
Acq: 17 May 2022 17:25

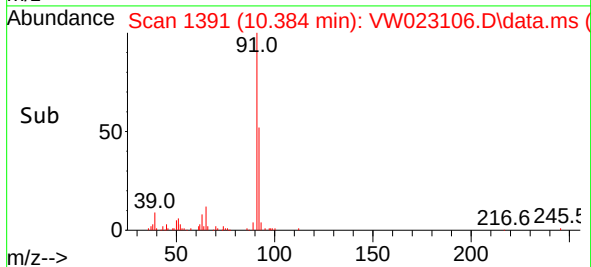
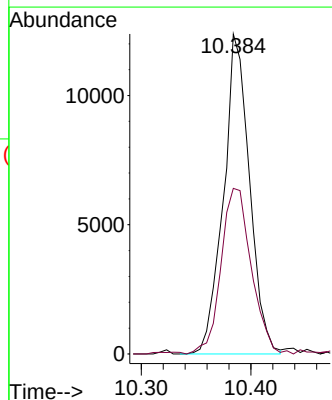
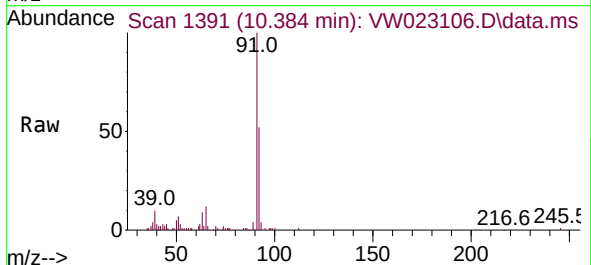
Instrument :
MSVOA_W
ClientSampleId :
EW4K6

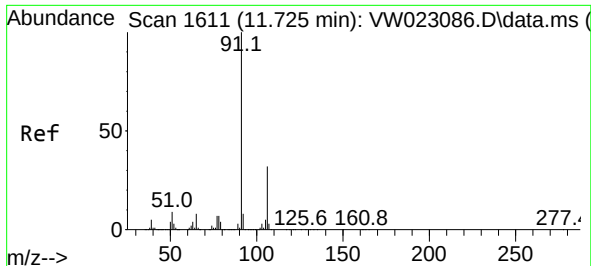
Tgt Ion: 43 Resp: 9784
Ion Ratio Lower Upper
43 100
58 21.1 31.4 47.2#
100 20.1 14.2 21.4



#42
Toluene
Concen: 1.087 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023106.D
Acq: 17 May 2022 17:25

Tgt Ion: 91 Resp: 20404
Ion Ratio Lower Upper
91 100
92 51.7 41.6 77.2

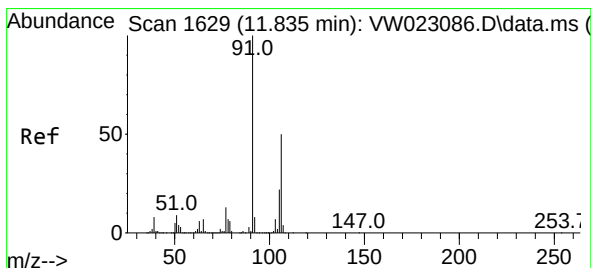
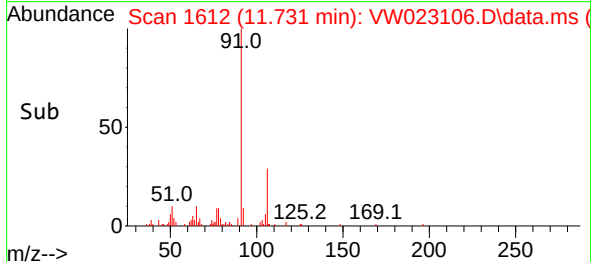
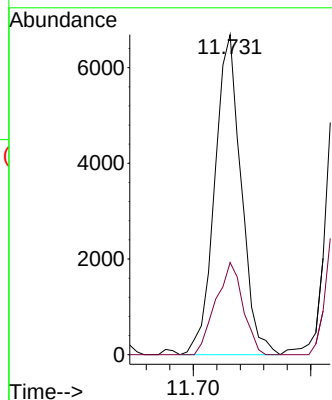
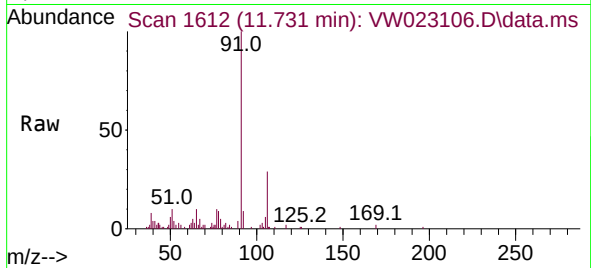




#52
Ethylbenzene
Concen: 0.501 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023106.D
Acq: 17 May 2022 17:25

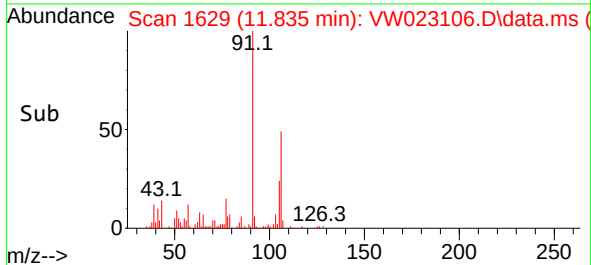
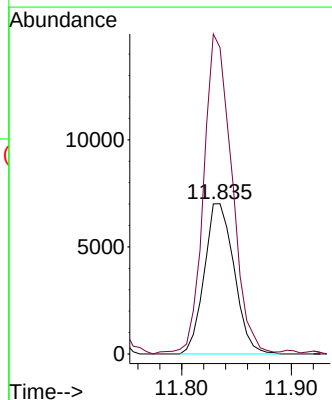
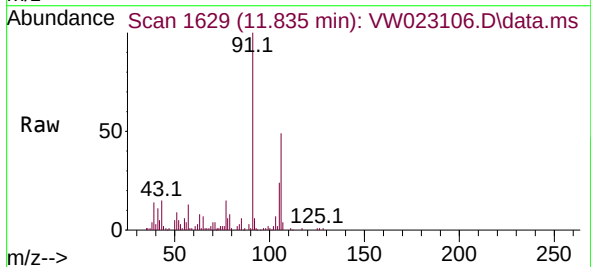
Instrument :
MSVOA_W
ClientSampleId :
EW4K6

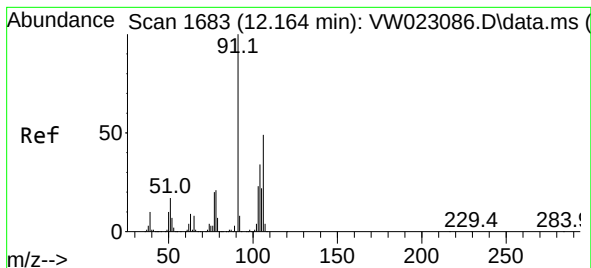
Tgt Ion: 91 Resp: 10461
Ion Ratio Lower Upper
91 100
106 28.8 22.3 41.3



#53
m,p-Xylene
Concen: 1.613 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023106.D
Acq: 17 May 2022 17:25

Tgt Ion: 106 Resp: 13266
Ion Ratio Lower Upper
106 100
91 203.9 136.8 254.0





#54

o-Xylene

Concen: 0.656 ug/L

RT: 12.170 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023106.D

Acq: 17 May 2022 17:25

Instrument :

MSVOA_W

ClientSampleId :

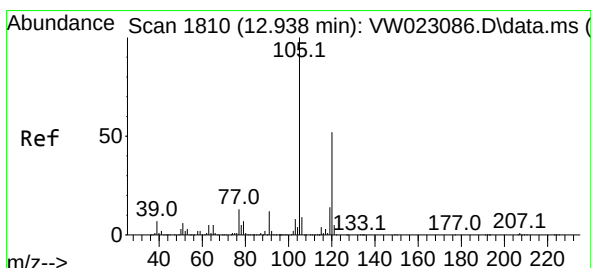
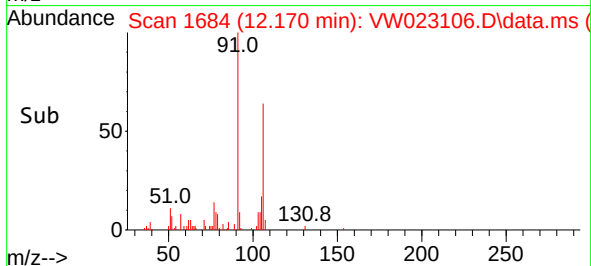
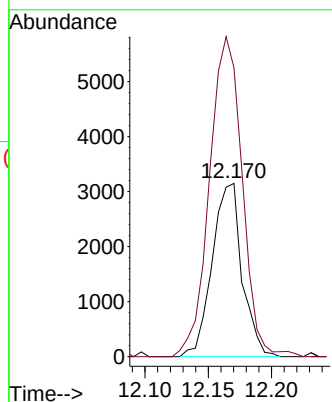
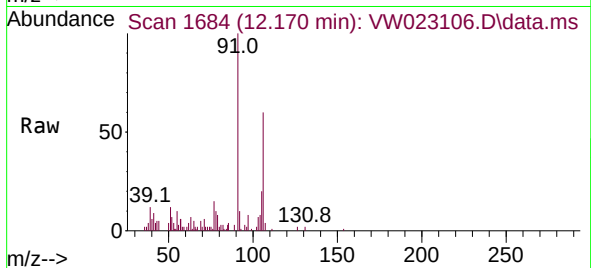
EW4K6

Tgt Ion:106 Resp: 5175

Ion Ratio Lower Upper

106 100

91 166.7 147.2 273.4



#62

1,3,5-Trimethylbenzene

Concen: 0.842 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023106.D

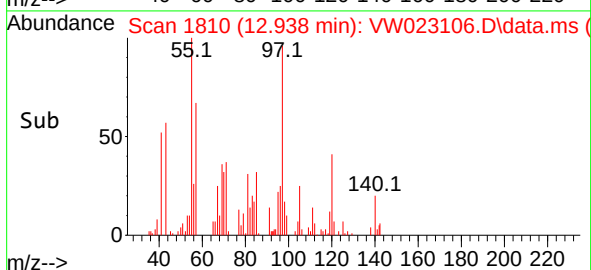
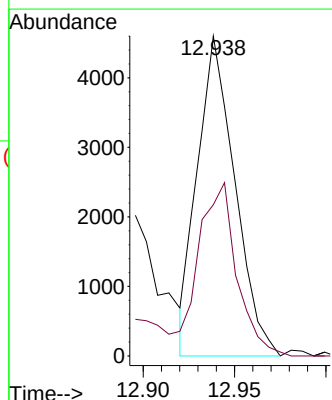
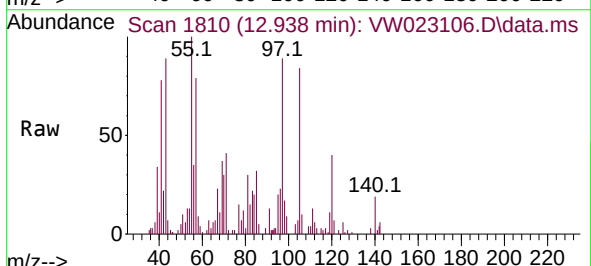
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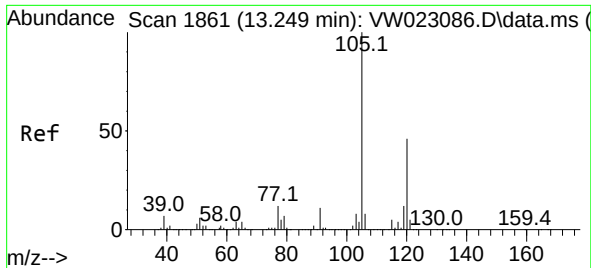
Tgt Ion:105 Resp: 6550

Ion Ratio Lower Upper

105 100

120 56.0 38.9 58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 1.267 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023106.D
 Acq: 17 May 2022 17:25

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6

Tgt Ion:105 Resp: 14803
 Ion Ratio Lower Upper
 105 100
 120 44.1 37.4 56.2

